

DOCKET FILE COPY ORIGINAL

Before the ~~RECEIVED~~
Federal Communications Commission
Washington, D.C.

MAY 22 1995

In the matter of

A petition to amend the FM table FCC '94 L E 200
of assignments to add channel 241 A) May 1995
at Athens, Illinois)

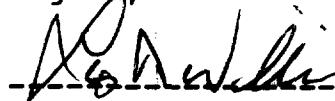
WMS1 Inc. of Springfield, Illinois respectfully requests the addition of channel 241 A, 96.1 MHz, at Athens, Illinois as the city's first local service. Due to a spacing conflict with KMXG, Clinton, Iowa and WHOWFM, Clinton, Illinois the proposed allocation must be site restricted 7.8 kilometers to the southwest of Athens. The proposed allocation coordinates are therefore N. Lat. 39 52 49, W. Lng. 89 45 00.

The attached engineering statement by Doug Vernier of Doug Vernier, Telecommunication Consultants indicates the availability of channel 241 A at the allocation coordinates. The proposed assignment will meet all spacing requirements as per section 73.207 of the Commission's Rules and Regulations. This site as proposed will serve the entire city of Athens, Illinois with at least a signal strength of at least 3.16 mV/m. Athens is listed in the U.S. Census as a community having a population of 1,404. Athens has its own schools, churches and businesses.

If the Commission decides favorably on this request WMS1 Inc. will apply for, and if granted a permit to construct, will build the class radio facility referenced within this petition.

The statements contained herein are accurate to the best of my knowledge.

Signed,



Larry Williams
WMS1, Inc.
2901 S. Holmes
Springfield, IL 62704

(date)

5/18/95

Sworn to and subscribed before me
this 18 day May, 1995

Norma L. Weers Notary Public

My commission expires: 12-7-97



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st ABCDE
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Doug Vernier
Technical Consulting - Computer Software



Telecommunications
Consultants

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May 15, 1995

1995

FCC "1'L P&C"

Engineering statement:

On behalf of WMS1 Inc. of Springfield, Illinois the entire commercial FM spectrum was carefully analyzed to determine the availability of a channel assignment to serve Athens, Illinois. The channel search resulted in the identification of channel 241, (96.1 MHz) on which a class A station could operate and meet all spacing requirements of Section 73.207.

Due to a separation conflict with KMXG, Clinton, Iowa and WHOWFM, Clinton, Illinois the proposed allocation site must be site restricted 7.8 kilometers to the southwest of Athens.

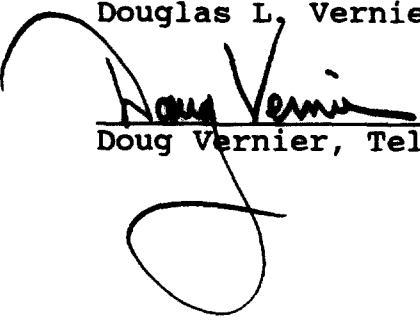
Exhibit # 1 is a computer generated separation study which shows the availability of channel 241. All pertinent co and adjacent channel assignments are shown along with their licensed class, coordinates and file numbers. This exhibit shows the proposed allocation site at the cross mark in the center of the map.

Exhibit # 2 is an area to locate map which shows that a station operating at the maximum class A power of 6 kW from an antenna height of 100 meters above average terrain will easily provide better than a 3.16 mV/m city signal to the entire city of Athens.

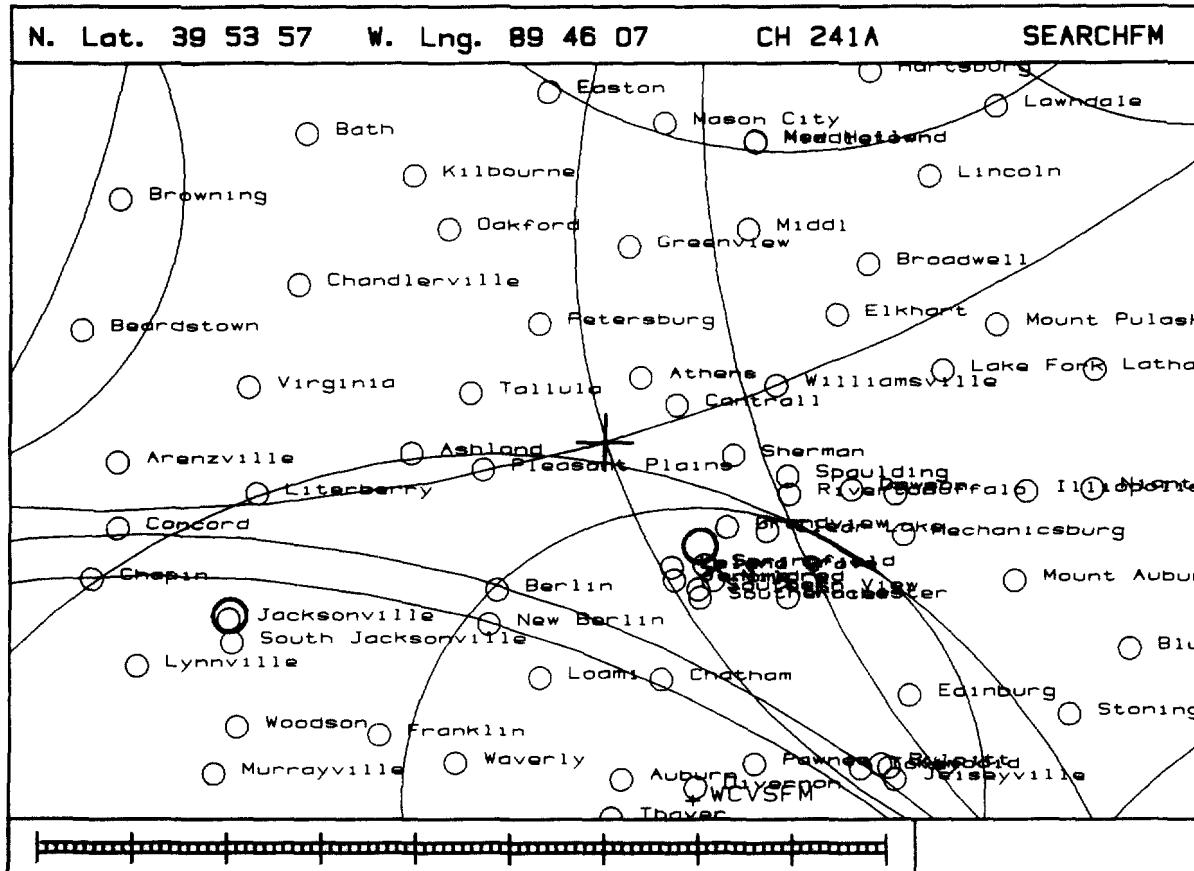
Exhibit # 3 is a channel study which gives information as to licensee name, station coordinates, power, antenna height and file numbers for all pertinent stations having a frequency and distance relationship.

The assignment will provide Athens, Illinois (population 1,404) with its first local radio service.

Douglas L. Vernier

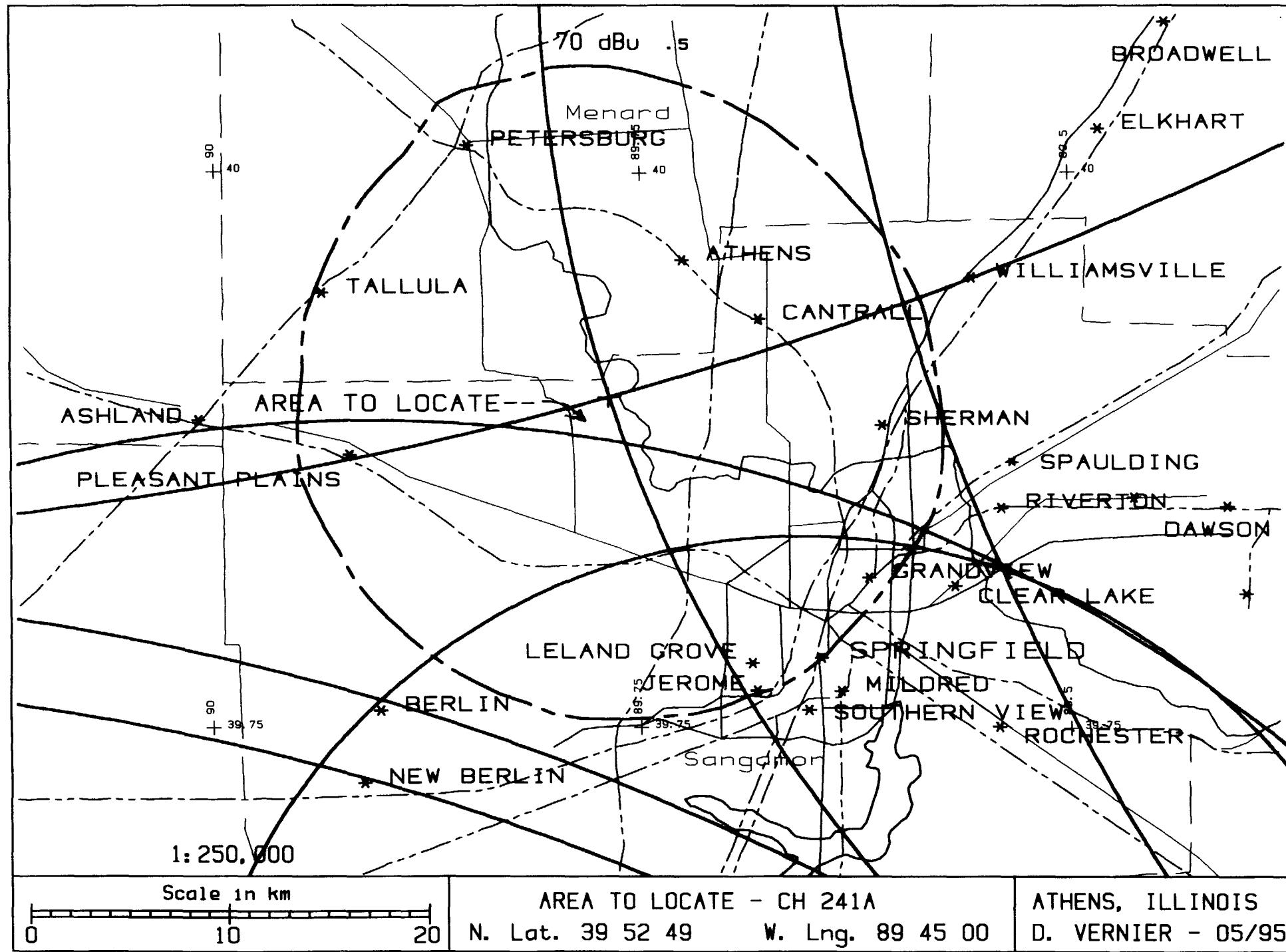

Doug Vernier, Telecommunication Consultants

DOUG VERNIER BROADCAST CONSULTANT 1800 PICTURESQUE DR. CEDAR FALLS IA 50613



WMS1 Inc.
Athens, Illinois

Call	CH#	Location	D-KM	Azi	FCC	Margin
KMXG	241C1	Clinton	IA	200.00	344.5	200.0
WHOWFM	240A	Clinton	IL	72.07	72.1	72.0
WCNL	240A	Carlinville	IL	74.12	189.3	72.0
WCVSF	244A	Virden	IL	39.16	165.8	31.0
WLTM.C	241A	Rantoul	IL	130.48	73.4	115.0
KIHT	242C1	St. Louis	MO	150.94	199.0	133.0
KIHT.C	242C1	St. Louis	MO	154.83	198.2	133.0
WGLO	238B1	Pekin	IL	80.92	13.8	48.0
WKXQ.C	244A	Rushville	IL	80.40	289.7	31.0
WKXQ	244A	Rushville	IL	80.40	289.7	31.0
DE244	244A	Rushville	IL	80.40	289.7	31.0
WIHN	244A	Normal	IL	89.55	44.0	31.0
KYAT.C	242C2	Keokuk	IA	166.08	291.1	106.0
ALOPEN	243A	Farmington	IL	94.35	350.3	31.0
WCRC	239B	Effingham	IL	136.01	130.0	69.0
						67.01



DOUG VERNIER BROADCAST CONSULTANT
1600 PICTURESQUE DR. CEDAR FALLS IA 50613

Ex. #E3

WMS1 Inc.
Athens, Illinois

REFERENCE

39 53 57 N
89 46 07 W

CLASS = A
Current Spacings

DISPLAY DATES
DATA 03-24-95
SEARCH 05-14-95

----- Channel 241 - 96.1 MHz -----

Call	Channel	Location	Power	Dist	Azi	FCC	Margin
N. Lat.	W. Lng.			HAAT			
KMXG	LI 241C1	Clinton	IA 200.00	344.5	200.0	0.00	
41 37 58	90 24 38	CN	100.000 kW	299 M			
	Signal Hill Communications, I			BLH861017KB	930730		
WHOWFM	LI 240A	Clinton	IL 72.07	72.1	72.0	0.07	
40 05 43	88 57 51	CN	3.000 kW	91 M			
	Cornbelt Broadcasting Co.			BLH6898	880930		
WCNL	LI 240A	Carlinville	IL 74.12	189.3	72.0	2.12	
39 14 25	89 54 26	CN	6.000 kW	99 M			
	Carlinville Broadcasting Corp			BLH930922KB	940701		
WCVSFM	LI 244A	Virden	IL 39.16	165.8	31.0	8.16	
39 33 26	89 39 24	DCN	6.000 kW	100 M			
	Neuhoff Broadcasting-WCVS, In			BLH930930KF	940523		
WLTM.C	CPM 241A	Rantoul	IL 130.48	73.4	115.0	15.48	
40 13 27	88 17 56	ZCN	3.800 kW	123 M			
	WLTM, Inc.			BMPH910423IC	930323		
KIHT	LI 242C1	St. Louis	MO 150.94	199.0	133.0	17.94	
38 36 47	90 20 09	CN	100.000 kW	168 M			
	Heritage Media Corporation			BLH810420AE	940715		
KIHT.C	CP 242C1	St. Louis	MO 154.83	198.2	133.0	21.83	
38 34 24	90 19 30	ZCN	80.000 kW	313 M			
	Heritage Media Corporation			BPH940322IH	940715		
WGLO	LI 238B1	Pekin	IL 80.92	13.8	48.0	32.92	
40 36 23	89 32 20	CN	7.000 kW	189 M			
	Petaz Communications, Inc.			BLH890510KB	900321		
	From Channel 237A per D86-489						
WKXQ.C	CP 244A	Rushville	IL 80.40	289.7	31.0	49.40	
40 08 20	90 39 26	CN	6.000 kW	100 M			
	Larry and Cathy Price			BPH921210IC	950307		
WKXQ	LI 244A	Rushville	IL 80.40	289.7	31.0	49.40	
40 08 20	90 39 26	CN	3.000 kW	100 M			
	Larry and Cathy Price			BLH850528KJ	930104		
DE244	DE 244A	Rushville	IL 80.40	289.7	31.0	49.40	
40 08 20	90 39 26		0.000 kW	0 M			
	Larry and Cathy Price			RM8617	950327		
WIHN	LI 244A	Normal	IL 89.55	44.0	31.0	58.55	
40 28 34	89 02 02	CN	3.900 kW	125 M			
	Bell Mason Communications			BLH920430KG	921202		
KYAT.C	CPM 242C2	Keokuk	IA 166.08	291.1	106.0	60.08	
40 25 19	91 35 42	CN	18.000 kW	253 M			
	David M. Lister			BMPH940518IP	941007		
ALOPEN	AL 243A	Farmington	IL 94.35	350.3	31.0	63.35	
40 44 11	89 57 30	N	0.000 kW	0 M			
					940824		
	Effective 11-18-88						
WCRC	LI 239B	Effingham	IL 136.01	130.0	69.0	67.01	
39 06 26	88 33 44	CN	50.000 kW	146 M			
	Effingham Broadcasting Co.			BLH5398	880912		